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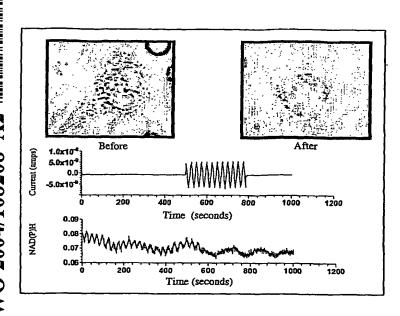
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[Continued on next page]

(54) Title: METHODS AND APPARATUS FOR CONVERSION OF EUKARYOTIC CELLS BY APPLICATION OF ELECTRIC AND MAGNETIC FIELDS



(57) Abstract: The present invention comprises, without limitation, methods and apparatus to induce changes in eukaryotic cell shapes by application of low-level electric or magnetic fields and thereby to impact cell function or mobility. Thus, the present invention comprises methods and apparatus for the investigation and treatment of human and animal diseases, conditions, and defects.

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